	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING FORM 3 AMENDED REPORT													
		АР	PLICATION I	FOR PE	RMIT TO DRILL					1. WELL NAME and NU		-15-9-17		
2. TYPE O	F WORK	DRILL NEW WELL (REENTE	ER P&A W	VELL DEEPEN	WELL [)			3. FIELD OR WILDCAT MONUMENT BUTTE				
4. TYPE O	F WELL	Oil	Well C	Coalbed M	Methane Well: NO					5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV)				
6. NAME (OF OPERATOR		NEWFIELD PR	ODUCTIO	ON COMPANY					7. OPERATOR PHONE	435 64	6-4825		
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052 9. OPERATOR E-MAIL mcrozier@newfield.com														
	AL LEASE NUM ., INDIAN, OR S				I. MINERAL OWNERS	SHIP DIAN () STATE () FEE)	12. SURFACE OWNERS	SHIP DIAN 🛑	STATE	F	EE (
13. NAME		OWNER (if box 12 =	'fee')				-			14. SURFACE OWNER	R PHONE	(if box 12	= 'fee')	
15. ADDR	ESS OF SURFA	CE OWNER (if box	12 = 'fee')							16. SURFACE OWNER	R E-MAIL	(if box 12	= 'fee')	
	N ALLOTTEE O	R TRIBE NAME			B. INTEND TO COMM		PRODUCTION	N FROM		19. SLANT				
(II box 12	= 'INDIAN')				YES (Submit C	Comming	gling Applicati	ion) NO 值	0	VERTICAL DIF	RECTION	AL 📵 H	IORIZON	TAL 🔵
20. LOC	20. LOCATION OF WELL FOOT.			rages .	QT	FR-QTR	SECTION	ON	TOWNSHIP	R	ANGE	МЕ	RIDIAN	
LOCATIO	N AT SURFACE		199	95 FNL	1983 FWL		SENW	15		9.0 S	1	7.0 E		S
Top of U	Top of Uppermost Producing Zone 1615 FNL			1581 FWL	\$	SENW	15		9.0 S	1	7.0 E		S	
At Total Depth 1252 FNL					1224 FWL	N	IWNW	VNW 15 9.0 S 17		7.0 E		S		
21. COUN	TY	DUCHESNE		22	2. DISTANCE TO NEA		EASE LINE (F 224	eet)		23. NUMBER OF ACRE		LLING UN 0	IT	
					5. DISTANCE TO NEA Applied For Drilling	or Comp		POOL		26. PROPOSED DEPTI		TVD: 566	0	
27. ELEV	ATION - GROUN	D LEVEL 5211		28	B. BOND NUMBER	WYB0	000493			29. SOURCE OF DRILI WATER RIGHTS APPR		MBER IF A	PPLICAB	LE
					Hole, Casing									
String	Hole Size	Casing Size 8.625	0 - 300	Weigh 24.0			Max Mu 8.3			Class G		Sacks 138	Yield 1.17	Weight 15.8
Prod	7.875	5.5	0 - 5777	15.5			8.3		Pren	nium Lite High Strer	ngth	261	3.26	11.0
										50/50 Poz		363	1.24	14.3
					А	TTACH	HMENTS							
	VER	IFY THE FOLLOW	VING ARE A	TTACHE	ED IN ACCORDAN	ICE WIT	TH THE UT	AH OIL ANI	GAS	CONSERVATION G	ENERA	L RULES		
w w	ELL PLAT OR M	AP PREPARED BY L	ICENSED SUR	VEYOR O	OR ENGINEER		№ сом	IPLETE DRILI	LING PI	_AN				
AF	FIDAVIT OF STA	TUS OF SURFACE	OWNER AGREE	EMENT (I	IF FEE SURFACE)		FORM	1 5. IF OPER	ATOR IS	S OTHER THAN THE LE	EASE OW	NER		
I DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)))	г торо	OGRAPHICAL	MAP					
NAME M	andie Crozier				TITLE Regulatory	Tech			PHO	NE 435 646-4825				
SIGNATU	RE				DATE 04/04/201	2			ЕМА	L mcrozier@newfield.c	com			
	BER ASSIGNED)1351355(0000			APPROVAL				B	nogyill				
					1				Pe	rmit Manager				

NEWFIELD PRODUCTION COMPANY GMBU G-15-9-17 AT SURFACE: SE/NW SECTION 15, T9S R17E DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

 Uinta
 0' – 1230'

 Green River
 1230'

 Wasatch
 5775'

 Proposed TD
 5777'

3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:</u>

Green River Formation (Oil) 1230' – 5775'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval Date Sampled Flow Rate Temperature

Hardness pH

Water Classification (State of Utah)

Dissolved Calcium (Ca) (mg/l)

Dissolved Iron (Fe) (ug/l)

Dissolved Sodium (Na) (mg/l)

Dissolved Carbonate (CO₃) (mg/l)

Dissolved Bicarbonate (NaHCO₃) (mg/l)

Dissolved Sulfate (SO₄) (mg/l)

Dissolved Total Solids (TDS) (mg/l)

RECEIVED: April 04, 2012

4. PROPOSED CASING PROGRAM

a. Casing Design: GMBU G-15-9-17

Size	lı	nterval	Maiabt	Crada	Counling		Design Factors		
Size	Тор	Bottom	Weight Grade Coupling		Coupling	Burst	Collapse	Tension	
Surface casing	0'	300'	24.0	J-55	STC	2,950	1,370	244,000	
8-5/8"	U	300	24.0	J-55	310	17.53	14.35	33.89	
Prod casing	0'	E 777'	1F F	1.55	LTC	4,810	4,040	217,000	
5-1/2"	U	5,777'	15.5	J-55	LIC	2.62	2.20	2.42	

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: GMBU G-15-9-17

Job	Fill	Description	Sacks ft ³	OH Excess*	Weight (ppg)	Yield (ft³/sk)	
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8	1.17	
Surface dualing	000	01000 0 W/ 270 0001	161	0070	10.0		
Prod casing	3,777'	Prem Lite II w/ 10% gel + 3%	261	30%	11.0	2.26	
Lead	3,777	KCI	851			3.26	
Prod casing	2,000'	50/50 Poz w/ 2% gel + 3%	363	30%	14.3	1.24	
Tail	2,000	KCI	451	30%	14.3	1.24	

^{*}Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL</u>:

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to ±300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. <u>TESTING, LOGGING AND CORING PROGRAMS</u>:

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. <u>ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE</u>:

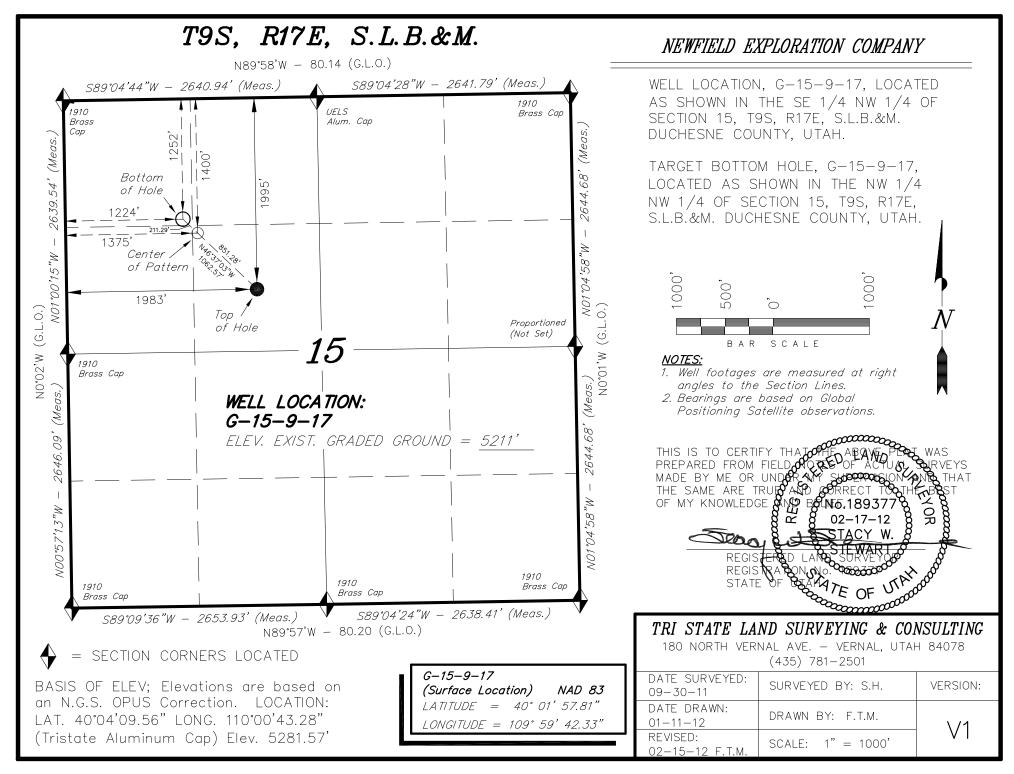
No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

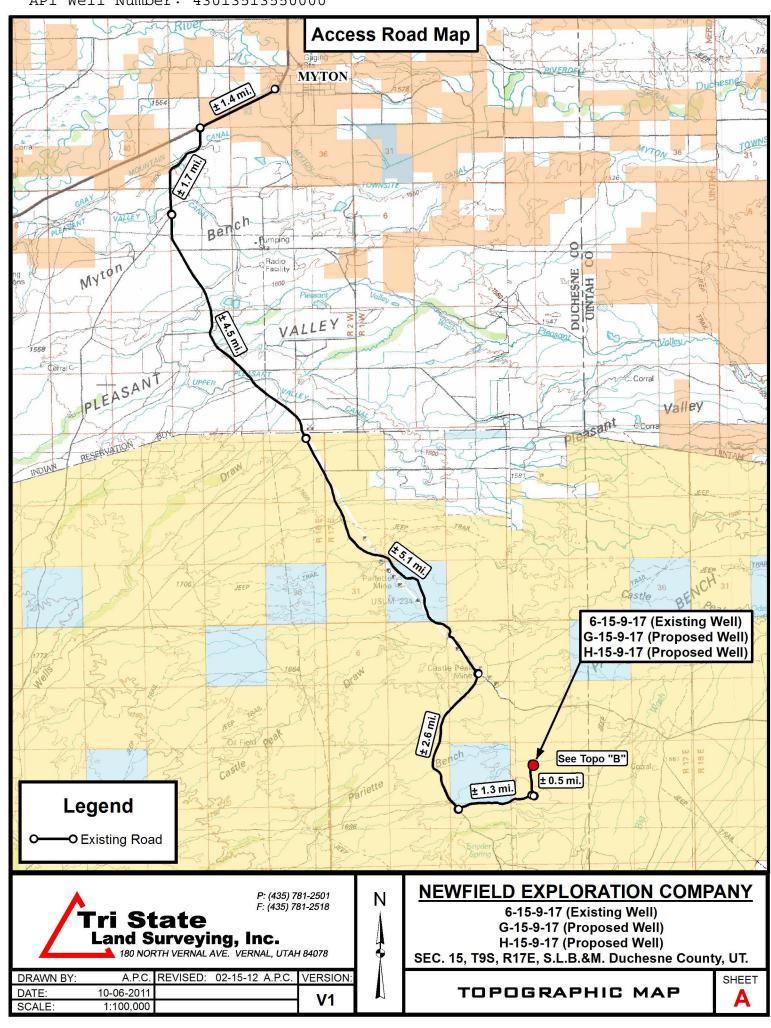
bottomhole pressure will approximately equal total depth in feet multiplied by a $0.433~\mathrm{psi/foot}$ gradient.

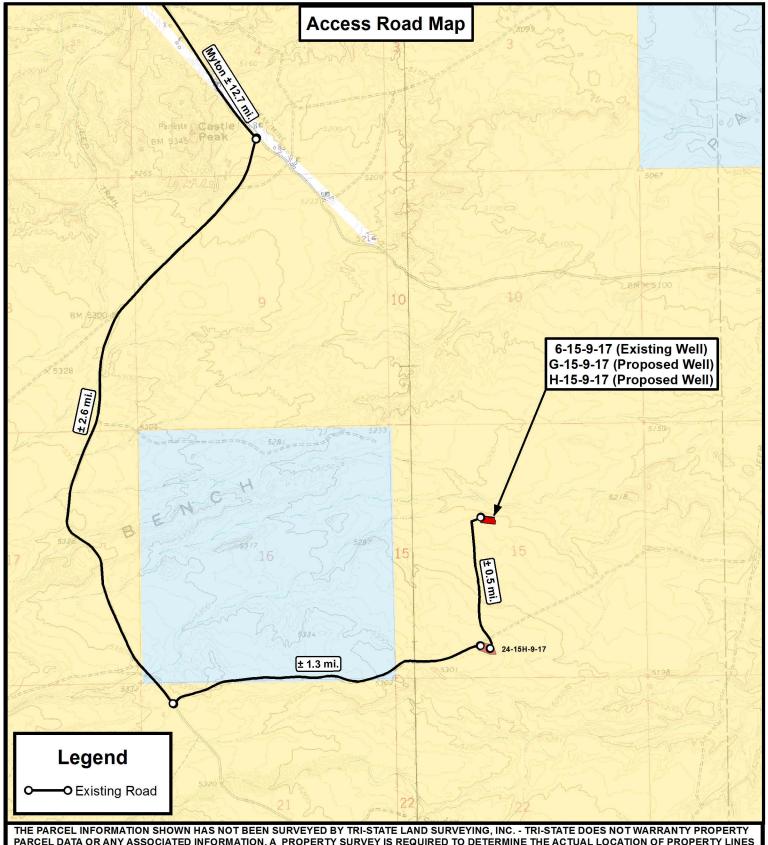
10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that the drilling operations will commence the third quarter of 2012, and take approximately seven (7) days from spud to rig release.

RECEIVED: April 04, 2012







PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Ν

V1



DATE: 10-06-2011 SCALE 1 " = 2,000

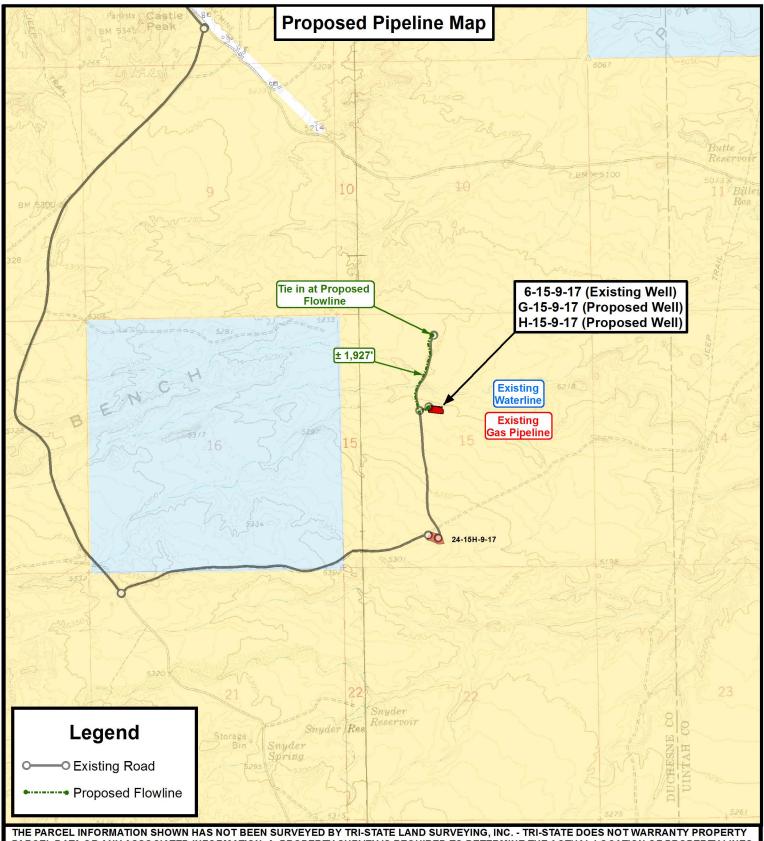
NEWFIELD EXPLORATION COMPANY

6-15-9-17 (Existing Well) G-15-9-17 (Proposed Well) H-15-9-17 (Proposed Well) SEC. 15, T9S, R17E, S.L.B.&M. Duchesne County, UT.

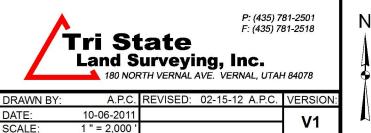
TOPOGRAPHIC MAP

SHEET





THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

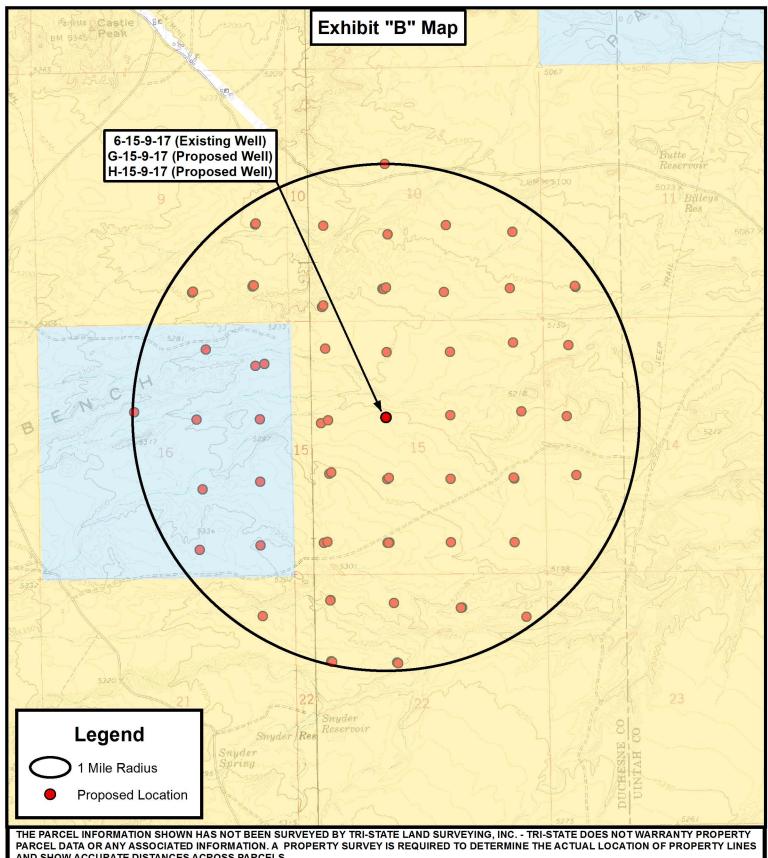


NEWFIELD EXPLORATION COMPANY

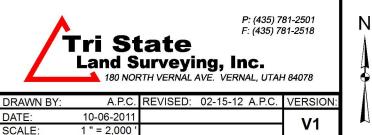
6-15-9-17 (Existing Well)
G-15-9-17 (Proposed Well)
H-15-9-17 (Proposed Well)
SEC. 15, T9S, R17E, S.L.B.&M. Duchesne County, UT.

TOPOGRAPHIC MAP

SHEET



AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



NEWFIELD EXPLORATION COMPANY

6-15-9-17 (Existing Well) G-15-9-17 (Proposed Well) H-15-9-17 (Proposed Well) SEC. 15, T9S, R17E, S.L.B.&M. Duchesne County, UT.

TOPOGRAPHIC MAP





NEWFIELD EXPLORATION

USGS Myton SW (UT) SECTION 15 T9S R17E G-15-9-17

Wellbore #1

Plan: Design #1

Standard Planning Report

10 January, 2012





Payzone Directional

Planning Report



EDM 2003.21 Single User Db Database: Company: **NEWFIELD EXPLORATION** Project: USGS Myton SW (UT) SECTION 15 T9S R17E Site:

Well: G-15-9-17 Wellbore: Wellbore #1 Design: Design #1

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well G-15-9-17

G-15-9-17 @ 5223.0ft (Newfield Rig) G-15-9-17 @ 5223.0ft (Newfield Rig)

Minimum Curvature

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

US State Plane 1983 Map System: North American Datum 1983

Geo Datum:

Utah Central Zone Map Zone:

System Datum: Mean Sea Level

SECTION 15 T9S R17E, SEC 15 T9S, R17E Site

Northing: 7,182,997.99 ft Site Position: Latitude: 40° 1' 46.007 N Longitude: From: Lat/Long Easting: 2,062,000.00 ft 109° 59' 39.695 W **Position Uncertainty:** 0.0 ft Slot Radius: **Grid Convergence:** 0.96°

Well G-15-9-17, SHL LAT: 40 01 57.81 LONG: -109 59 42.33

Well Position +N/-S 1,194.2 ft 7,184,188.60 ft Latitude: 40° 1' 57.810 N Northing: +E/-W -205.0 ft Easting: 2,061,774.96 ft Longitude: 109° 59' 42.330 W

Position Uncertainty 0.0 ft Wellhead Elevation: 5,223.0 ft **Ground Level:** 5,211.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle	Field Strength
			()	()	(nT)
	IGRF2010	1/10/2012	11.21	65.78	52,219

Design	Design #1					
Audit Notes:						
Version:		Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:		Depth From (TVD)	+N/-S	+E/-W	Direction	
		(ft)	(ft)	(ft)	(°)	
		4,740.0	0.0	0.0	313.38	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,462.2	12.93	313.38	1,454.9	66.6	-70.4	1.50	1.50	0.00	313.38	
4,832.8	12.93	313.38	4,740.0	584.7	-618.7	0.00	0.00	0.00	0.00	G-15-9-17 TGT
5,776.8	12.93	313.38	5,660.0	729.8	-772.3	0.00	0.00	0.00	0.00	



Payzone Directional

Planning Report



Database: EDM 2003.21 Single User Db
Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 15 T9S R17E

 Well:
 G-15-9-17

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well G-15-9-17

G-15-9-17 @ 5223.0ft (Newfield Rig) G-15-9-17 @ 5223.0ft (Newfield Rig)

True

Minimum Curvature

Design:	Design #1								
Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	313.38	700.0	0.0	-1.0	1.3	1.50	1.50	0.00
800.0	3.00	313.38	799.9	3.6	-3.8	5.2	1.50	1.50	0.00
900.0	4.50	313.38	899.7	8.1	-3.6 -8.6	11.8	1.50	1.50	0.00
900.0		313.30	099.7			11.0	1.50		
1,000.0	6.00	313.38	999.3	14.4	-15.2	20.9	1.50	1.50	0.00
1,100.0	7.50	313.38	1,098.6	22.4	-23.8	32.7	1.50	1.50	0.00
1,200.0	9.00	313.38	1,197.5	32.3	-34.2	47.0	1.50	1.50	0.00
1,300.0	10.50	313.38	1,296.1	43.9	-46.5	64.0	1.50	1.50	0.00
1,400.0	12.00	313.38	1,394.2	57.3	-60.7	83.5	1.50	1.50	0.00
1,462.2	12.93	313.38	1.454.9	66.6	-70.4	96.9	1.50	1.50	0.00
1,462.2	12.93	313.38	1,454.9 1,491.7	72.4	-70.4 -76.6	96.9 105.4	0.00	0.00	0.00
	12.93	313.38		72. 4 87.7	-76.6 -92.8	105.4	0.00	0.00	
1,600.0 1,700.0	12.93	313.38	1,589.2 1,686.7	103.1	-92.0 -109.1	150.1	0.00	0.00	0.00
1,800.0	12.93	313.38	1,784.1	118.5	-109.1	172.5	0.00	0.00	0.00 0.00
1,900.0	12.93	313.38	1,881.6	133.9	-141.6	194.9	0.00	0.00	0.00
2,000.0	12.93	313.38	1,979.1	149.2	-157.9	217.3	0.00	0.00	0.00
2,100.0	12.93	313.38	2,076.5	164.6	-174.2	239.6	0.00	0.00	0.00
2,200.0	12.93	313.38	2,174.0	180.0	-190.4	262.0	0.00	0.00	0.00
2,300.0	12.93	313.38	2,271.4	195.3	-206.7	284.4	0.00	0.00	0.00
2,400.0	12.93	313.38	2,368.9	210.7	-223.0	306.8	0.00	0.00	0.00
2,500.0	12.93	313.38	2,466.4	226.1	-239.2	329.2	0.00	0.00	0.00
2,600.0	12.93	313.38	2,563.8	241.5	-255.5	351.6	0.00	0.00	0.00
2,700.0	12.93	313.38	2,661.3	256.8	-271.8	373.9	0.00	0.00	0.00
2,800.0	12.93	313.38	2,758.8	272.2	-288.0	396.3	0.00	0.00	0.00
2,900.0	12.93	313.38	2,856.2	287.6	-304.3	418.7	0.00	0.00	0.00
3,000.0	12.93	313.38	2,953.7	302.9	-320.6	441.1	0.00	0.00	0.00
3,100.0	12.93	313.38	3,051.1	318.3	-336.8	463.5	0.00	0.00	0.00
3,200.0	12.93	313.38	3,148.6	333.7	-353.1	485.8	0.00	0.00	0.00
3,300.0	12.93	313.38	3,246.1	349.1	-369.4	508.2	0.00	0.00	0.00
3,400.0	12.93	313.38	3,343.5	364.4	-385.6	530.6	0.00	0.00	0.00
3,500.0	12.93	313.38	3,441.0	379.8	-401.9	553.0	0.00	0.00	0.00
3,600.0	12.93	313.38	3,538.5	395.2	-418.2	575.4	0.00	0.00	0.00
3,700.0	12.93	313.38	3,635.9	410.6	-434.4	597.7	0.00	0.00	0.00
3,800.0	12.93	313.38	3,733.4	425.9	-450.7	620.1	0.00	0.00	0.00
3,900.0	12.93	313.38	3,830.9	441.3	-467.0	642.5	0.00	0.00	0.00
4,000.0	12.93	313.38	3,928.3	441.3 456.7	-467.0 -483.2	664.9	0.00	0.00	0.00
4,100.0	12.93	313.38	4,025.8	472.0	-403.2 -499.5	687.3	0.00	0.00	0.00
4,100.0	12.93	313.38	4,123.2	487.4	- 4 99.5 -515.8	709.6	0.00	0.00	0.00
4,300.0	12.93	313.38	4,220.7	502.8	-532.1	732.0	0.00	0.00	0.00
_									
4,400.0	12.93	313.38	4,318.2	518.2	-548.3	754.4	0.00	0.00	0.00
4,500.0	12.93	313.38	4,415.6	533.5	-564.6	776.8	0.00	0.00	0.00
4,600.0	12.93	313.38	4,513.1	548.9	-580.9	799.2	0.00	0.00	0.00
4,700.0	12.93	313.38	4,610.6	564.3	-597.1	821.6	0.00	0.00	0.00
4,800.0	12.93	313.38	4,708.0	579.6	-613.4	843.9	0.00	0.00	0.00
4,832.8	12.93	313.38	4,740.0	584.7	-618.7	851.3	0.00	0.00	0.00
4,900.0	12.93	313.38	4,805.5	595.0	-629.7	866.3	0.00	0.00	0.00
5,000.0	12.93	313.38	4,903.0	610.4	-645.9	888.7	0.00	0.00	0.00
5,100.0	12.93	313.38	5,000.4	625.8	-662.2	911.1	0.00	0.00	0.00
5,155.0	12.00	0.000	5,000.1	J_U.U		J 1 1.1	0.00	0.00	J.00



Payzone Directional

Planning Report



Database: Company: Project: Site:

EDM 2003.21 Single User Db NEWFIELD EXPLORATION USGS Myton SW (UT) SECTION 15 T9S R17E

 Well:
 G-15-9-17

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well G-15-9-17

G-15-9-17 @ 5223.0ft (Newfield Rig) G-15-9-17 @ 5223.0ft (Newfield Rig)

True

Minimum Curvature

anned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,200.0	12.93	313.38	5,097.9	641.1	-678.5	933.5	0.00	0.00	0.00
5,300.0	12.93	313.38	5,195.3	656.5	-694.7	955.8	0.00	0.00	0.00
5,400.0	12.93	313.38	5,292.8	671.9	-711.0	978.2	0.00	0.00	0.00
5,500.0	12.93	313.38	5,390.3	687.2	-727.3	1,000.6	0.00	0.00	0.00
5,600.0	12.93	313.38	5,487.7	702.6	-743.5	1,023.0	0.00	0.00	0.00
5,700.0	12.93	313.38	5,585.2	718.0	-759.8	1,045.4	0.00	0.00	0.00
5,776.8	12.93	313.38	5,660.0	729.8	-772.3	1,062.5	0.00	0.00	0.00

API Well Number: 43013513550000 Project: USGS Myton SW (UT)



Site: SECTION 15 T9S R17E

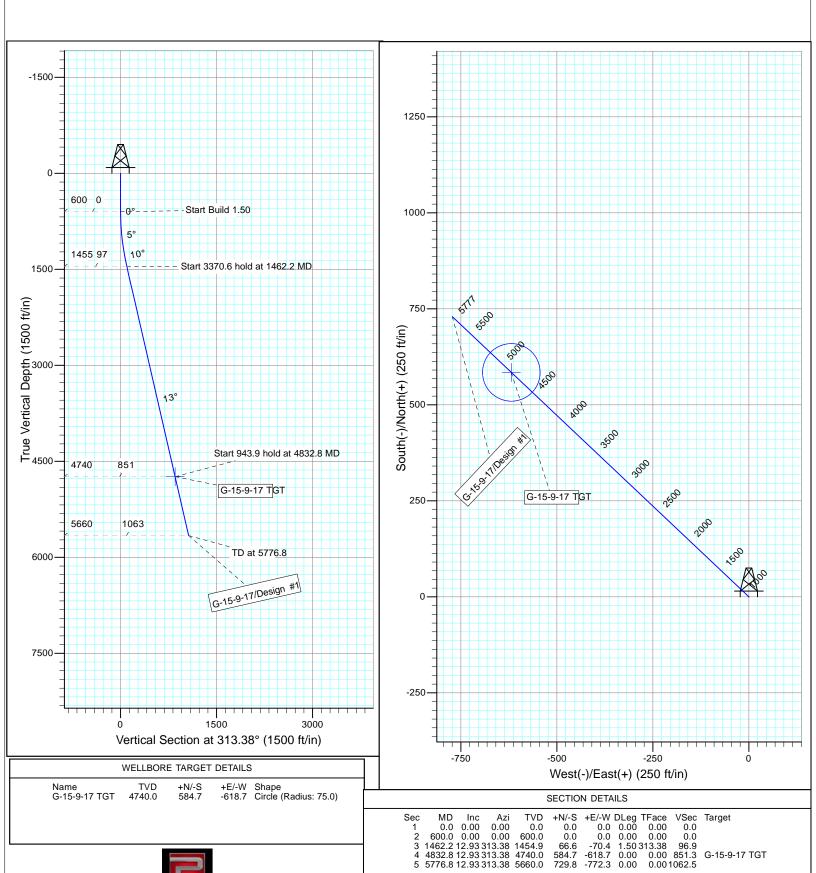
Well: G-15-9-17 Wellbore: Wellbore #1 Design: Design #1



Azimuths to True North Magnetic North: 11.21° Magnetic Field

Strength: 52219.0snT Dip Angle: 65.78° Date: 1/10/2012 Model: IGRF2010

KOP @ 600' DOGLEG RATE 1.5 DEG/100 TARGET RADIUS IS 75'



NEWFIELD PRODUCTION COMPANY GMBU G-15-9-17 AT SURFACE: SE/NW SECTION 15, T9S R17E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

<u>MULTI-POINT SURFACE USE & OPERATIONS PLAN</u>

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU G-15-9-17 located in the SE 1/4 NW 1/4 Section 15, T9S R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed in a southeasterly direction - 11.3 miles \pm to it's junction with an existing road to the southwest; ; proceed in a southwesterly direction - 2.6 miles \pm to it's junction with an existing road to the east; proceed in a easterly direction - 1.3 miles \pm to it's junction with an existing road to the north; proceed northerly - 0.5 miles \pm to it's junction with the beginning of the access road the existing 6-15-9-17 well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 6-15-9-17 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District Water Right: 43-10136

Maurice Harvey Pond Water Right: 47-1358

Neil Moon Pond Water Right: 43-11787

Newfield Collector Well

Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy

District).

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. <u>WELL SITE LAYOUT</u>

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. PLANS FOR RESTORATION OF SURFACE:

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. <u>SURFACE OWNERSHIP</u> – Bureau of Land Management.

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. State of Utah Antiquities Project Permit # U-12-MQ-0213b,p 4/3/12, prepared by

Montgomery Archaeological Consultants. Paleontological Resource Survey prepared by, Wade Miller, 10/26/11. See attached report cover pages, Exhibit "D".

Surface Flow Line

Newfield requests 1,927' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. For all new wells, Newfield. **Refer to Topographic Map "C"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

<u>Clearing and Grading</u>: No clearing or grading of the ROW will be required. The centerline of the proposed route will be staked prior to installation. Flow lines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated. If necessary, temporary use or construction/storage areas will be identified on a topographic map included in the approved permit.

<u>Installation</u>: The proposed flow lines will be installed 4-6" above the ground. For portions along existing two-track and primary access roads, lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country (not along existing or proposed roads), travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.

<u>Termination and Final Reclamation:</u> After abandonment of the associated production facilities, the flow lines will be cut and removed, and any incidental surface disturbance reclaimed. Reclamation procedures will follow those outlined in the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Details of the On-Site Inspection

The proposed GMBU G-15-9-17 was on-sited on 3/14/12. The following were present; Corie Miller (Newfield Production), Janna Simonsen (Bureau of Land Management), Aaron Roe (Bureau of Land Management), and Suzanne Grayson (Bureau of Land Management.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU G-15-9-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU G-15-9-17, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. <u>LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:</u>

Representative

Name: Tim Eaton

Address: Newfield Production Company

Route 3, Box 3630 Myton, UT 84052

Telephone: (435) 646-3721

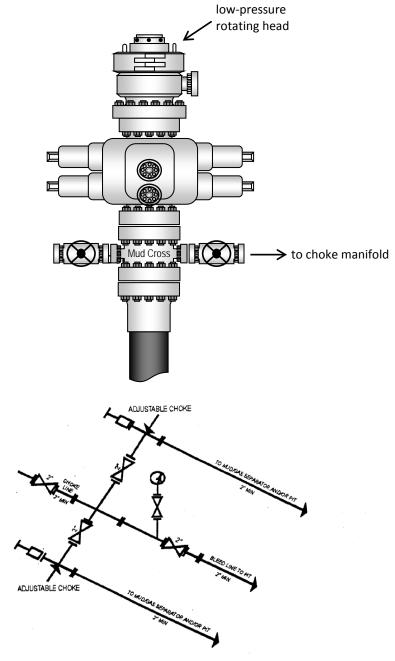
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #G-15-9-17, Section 15, Township 9S, Range 17E: Lease UTU-74805 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

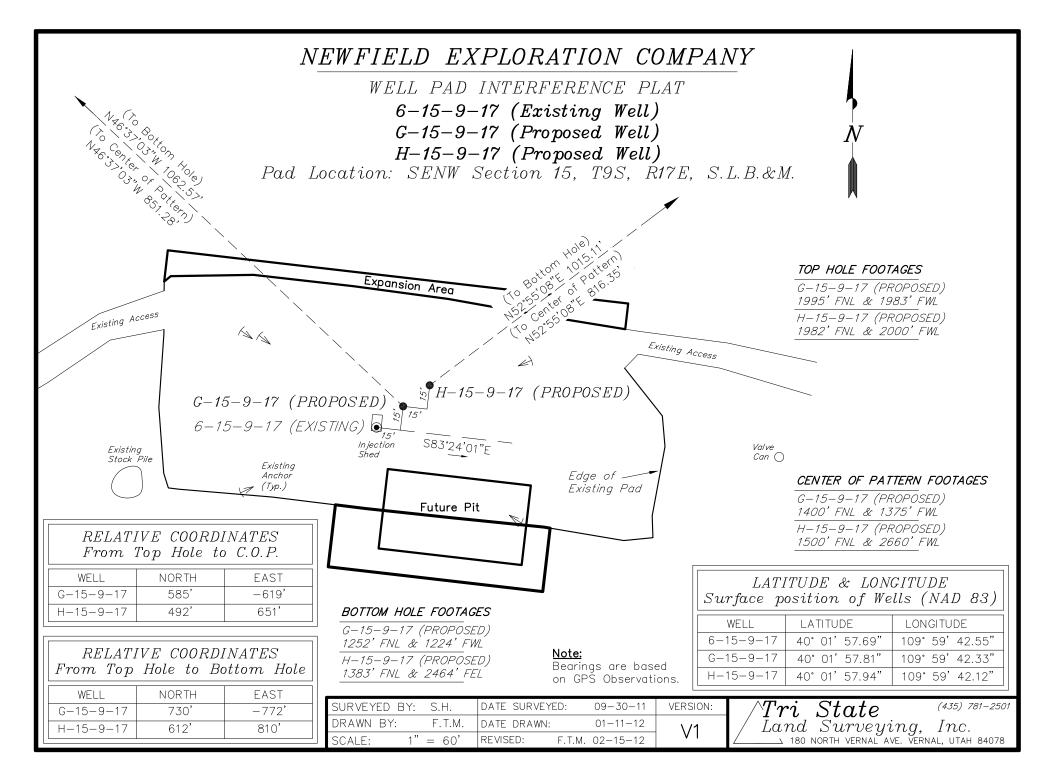
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

3/27/12	
Date	Mandie Crozier
	Regulatory Analyst
	Newfield Production Company

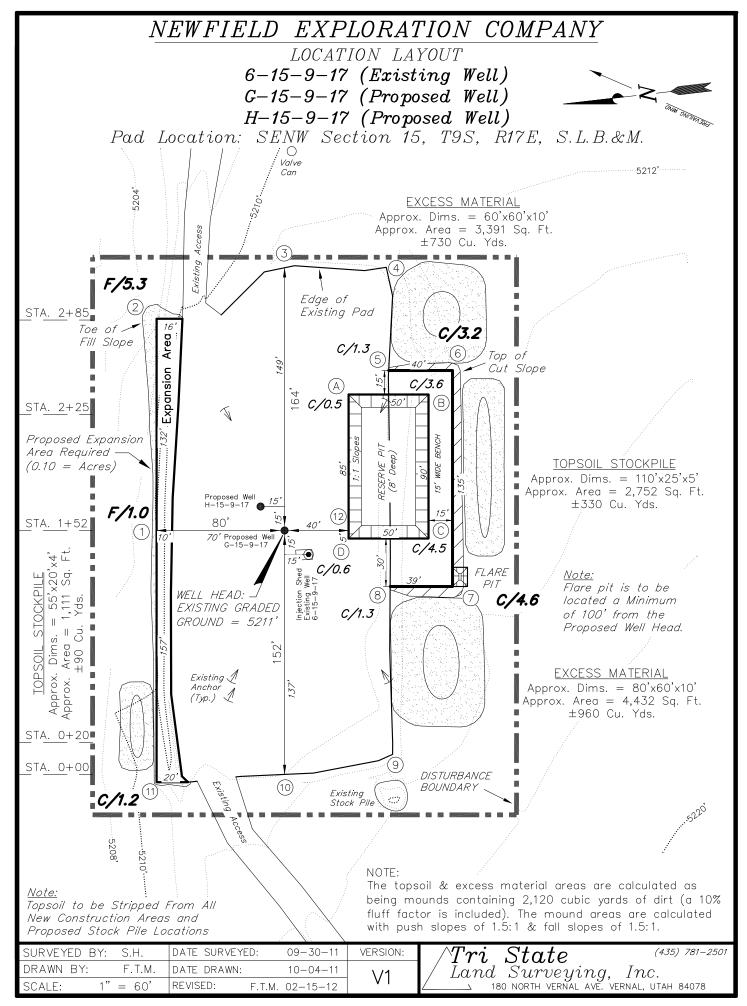
Typical 2M BOP stack configuration



2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY



RECEIVED: April 04, 2012



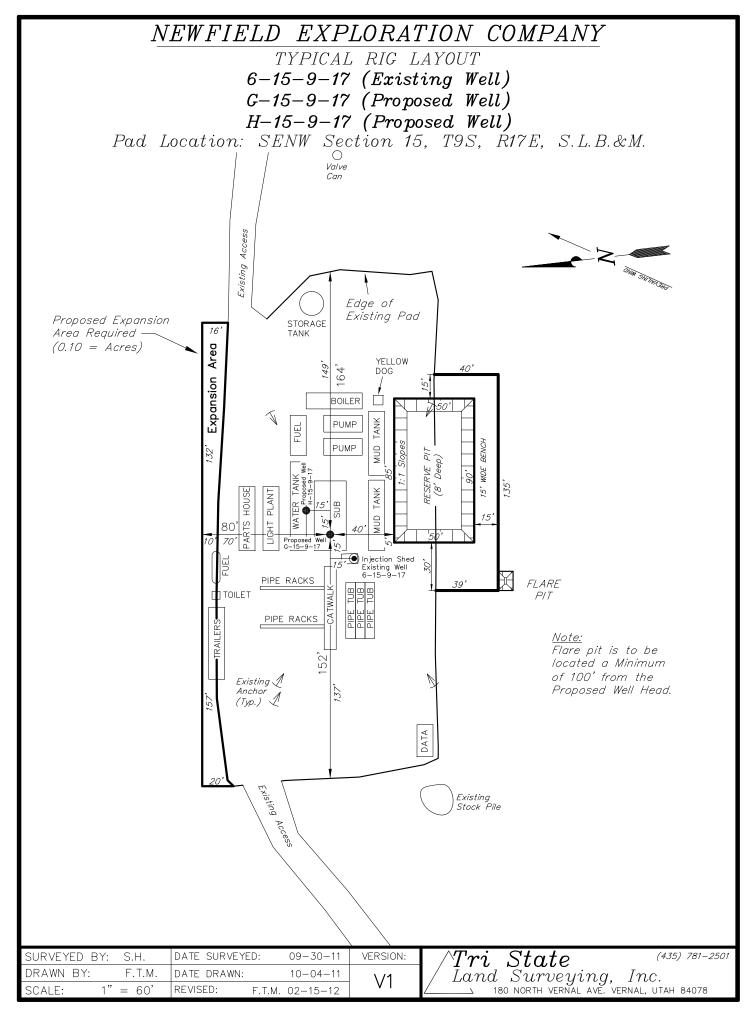
NEWFIELD EXPLORATION COMPANY CROSS SECTIONS 6-15-9-17 (Existing Well) G-15-9-17 (Proposed Well) H-15-9-17 (Proposed Well) Pad Location: SENW Section 15, T9S, R17E, S.L.B.&M. PROPOSED **EXPANSION** AREA 30, 1" = 60'STA. 2+85 30, \parallel STA. 2+25 1" = 60'FINISHED EXISTING GRADE GRADE 30, PROPOSED WELL HEAD \parallel 1" = 60' STA. 1+52 30, П 1" = 60'STA. 0+20 ESTIMATED EARTHWORK QUANTITIES

NOTE: UNLESS OTHERWISE
NOTED ALL CUT/FILL SLOPES ARE AT 1.5:

(No Shrink or swell adjustments have been used)									
(Expressed in Cubic Yards)									
ITEM	CUT	FILL	6" TOPSOIL	EXCESS					
PAD	680	170	Topsoil is	510					
PIT	1,030	0	in Pad Cut	1,030					
TOTALS	1,710	170	380	1,540					

SURVEYED BY:	S.H.	DATE SURVEYED:	09-30-11	VERSION:
DRAWN BY:	F.T.M.	DATE DRAWN:	10-04-11	\ /1
SCALE: 1"	= 60'	REVISED: F.T	.M. 02-15-12	V I

Tri~State (435) 781-. Land Surveying, Inc. ightharpoonup 180 north vernal ave. vernal, utah 84078 (435) 781-2501





VIA ELECTRONIC DELIVERY

April 5, 2012

State of Utah, Division of Oil, Gas and Mining ATTN: Diana Mason P.O. Box 145801 Salt Lake City, UT 84114-5801

RE:

Directional Drilling

G-15-9-17

Greater Monument Butte (Green River) Unit

Surface Hole:

T9S-R17E Section 15: SENW (UTU-74805)

1995' FNL 1983' FWL

At Target:

T9S-R17E Section 15: NWNW (UTU-74805)

1252' FNL 1224' FWL

Duchesne County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 4/4/2012, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing preexiting roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4121 or by email at lburget@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,

Newfield Production Company

Leslie Burget

Leslie Burget Land Associate

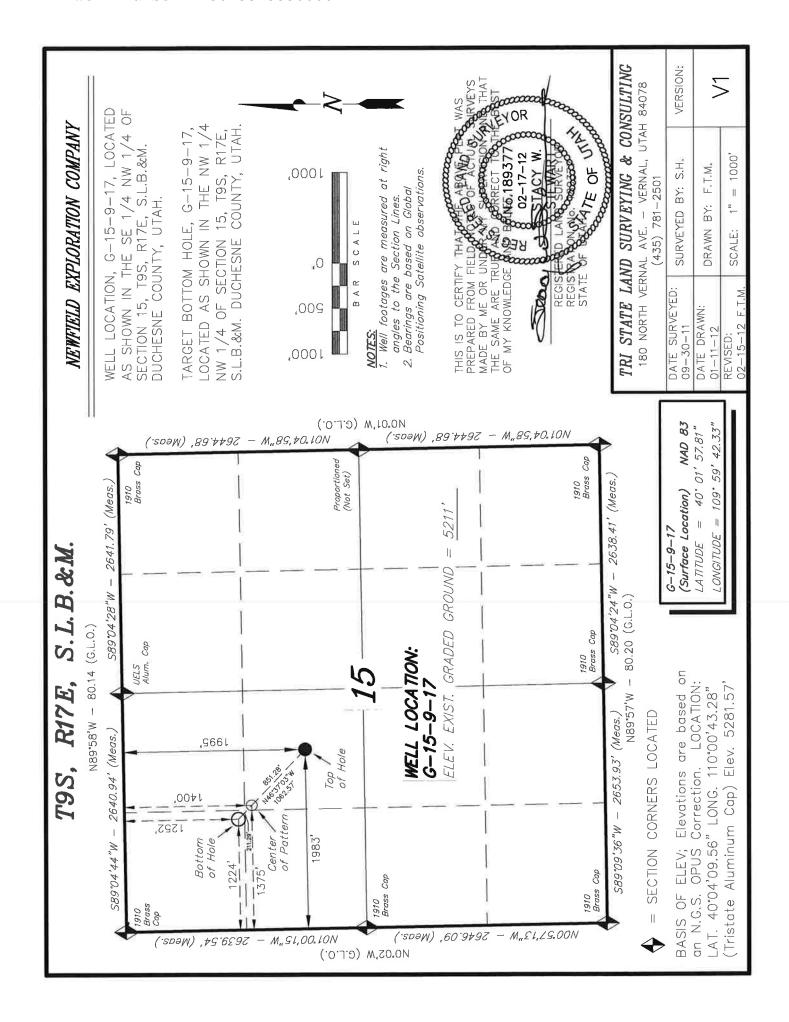
Form 3160-3 (August 2007) UNITED ST	FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010						
DEPARTMENT OF T BUREAU OF LAND N	5. Lease Serial No. UTU74805						
APPLICATION FOR PERMIT	6. If Indian, Allottee or Tribe Name						
1a. Type of Work: ☑ DRILL ☐ REENTER	7. If Unit or CA Agreement, Name and No. GREATER MONUMENT						
1b. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Oth	Lease Name and Well No. GMBU G-15-9-17						
Name of Operator Contact: NEWFIELD PRODUCTION COMPAINMail: mcroziet	9. API Well No.						
3a. Address ROUTE #3 BOX 3630 MYTON, UT 84052	3b. Phone No. (included Ph: 435-646-4825 Fx: 435-646-3031	5	10. Field and Pool, or Exploratory MONUMENT BUTTE				
4. Location of Well (Report location clearly and in accorda	11. Sec., T., R., M., or Blk. and Survey or Area						
At surface SENW 1995FNL 1983FWL	Sec 15 T9S R17E Mer SLB						
At proposed prod. zone NWNW 1252FNL 1224FW							
14. Distance in miles and direction from nearest town or post of 17.1	12. County or Parish DUCHESNE	13. State UT					
15. Distance from proposed location to nearest property or	16. No. of Acres in Lease		17. Spacing Unit dedicated to this well				
lease line, ft. (Also to nearest drig. unit line, if any) 1224'	520.00		20.00				
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth		20. BLM/BIA Bond No. on file				
1188	5777 MD 5660 TVD		WYB000493				
21. Elevations (Show whether DF, KB, RT, GL, etc. 5211 GL	r DF, KB, RT, GL, etc. 22. Approximate date work will start 07/31/2012			23. Estimated duration 7 DAYS			
	24. Atta	achments					
The following, completed in accordance with the requirements or	f Onshore Oil and Gas C	Order No. 1, shall be attached to t	his form:				
2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the 5. Operator certifical			ations unless covered by an existing bond on file (see information and/or plans as may be required by the				
25. Signature (Electronic Submission)	Name (Printed/Typed) MANDIE CROZ		Date 04/04/2012				
Title REGULATORY ANALYST							
Approved by (Signature)	Name (Printed/Typed)	Date					
Title	Office						
Application approval does not warrant or certify the applicant ho operations thereon. Conditions of approval, if any, are attached.	olds legal or equitable titl	le to those rights in the subject le	ase which would entitle the app	licant to conduct			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, states any false, fictitious or fraudulent statements or representate			make to any department or age	ency of the United			

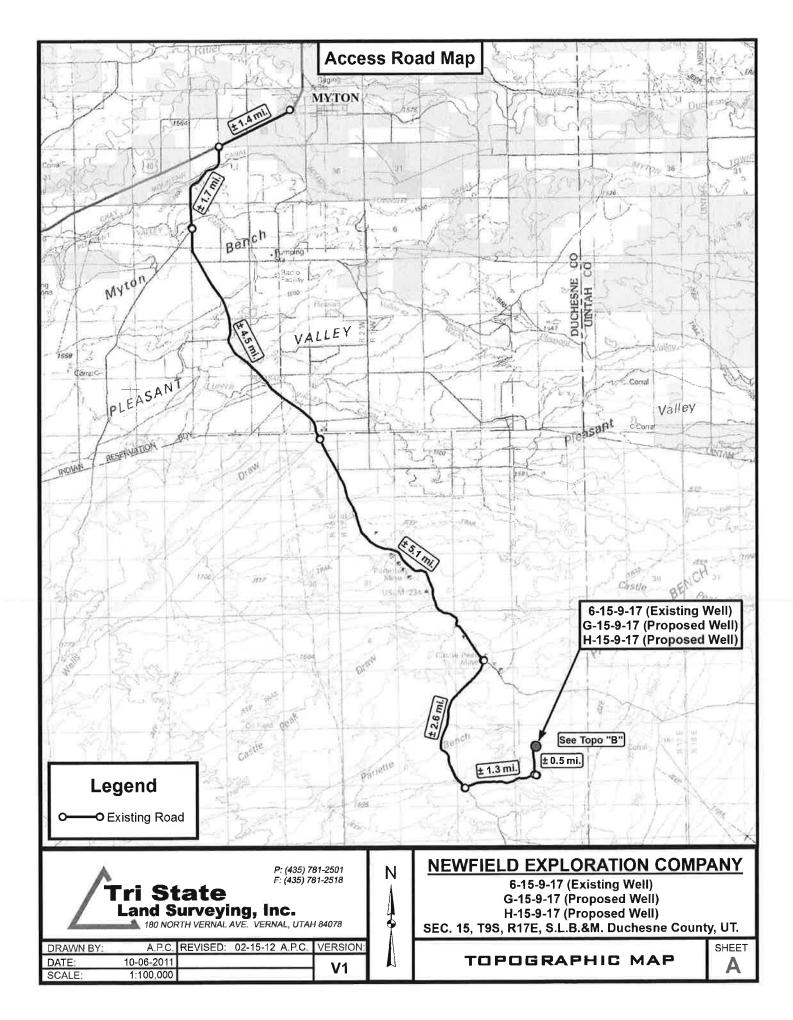
Additional Operator Remarks (see next page)

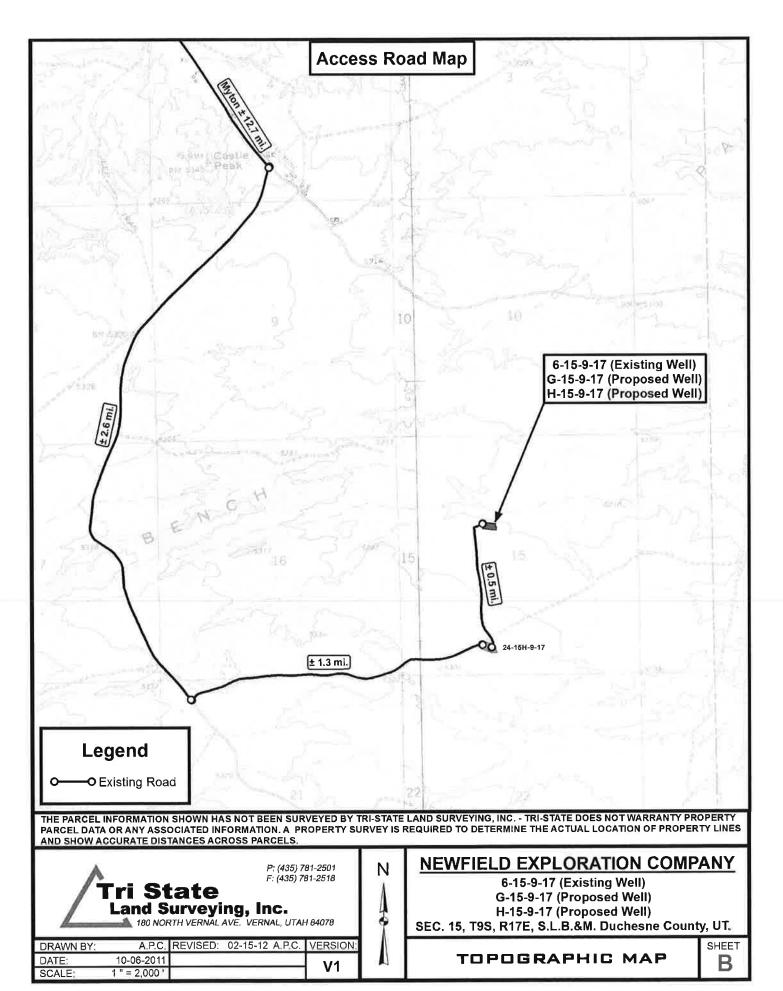
Electronic Submission #134742 verified by the BLM Well Information System For NEWFIELD PRODUCTION COMPANY, sent to the Vernal

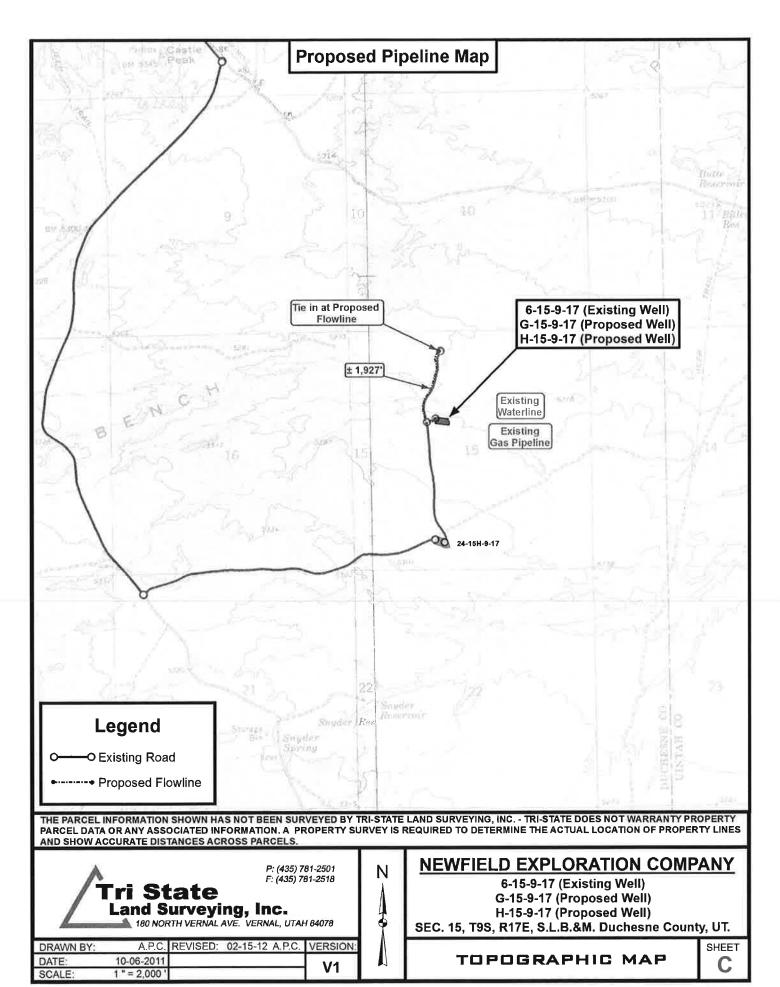
Additional Operator Remarks:

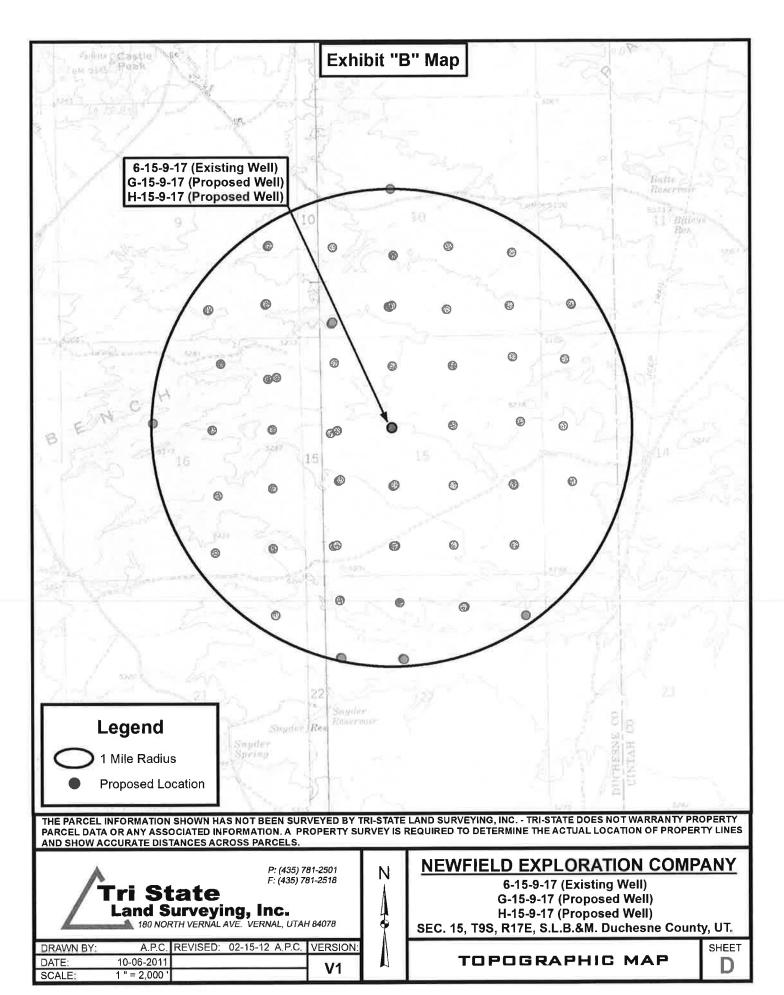
SURFACE LEASE: UTU-74805 BOTTOM HOLE LEASE: UTU-74805

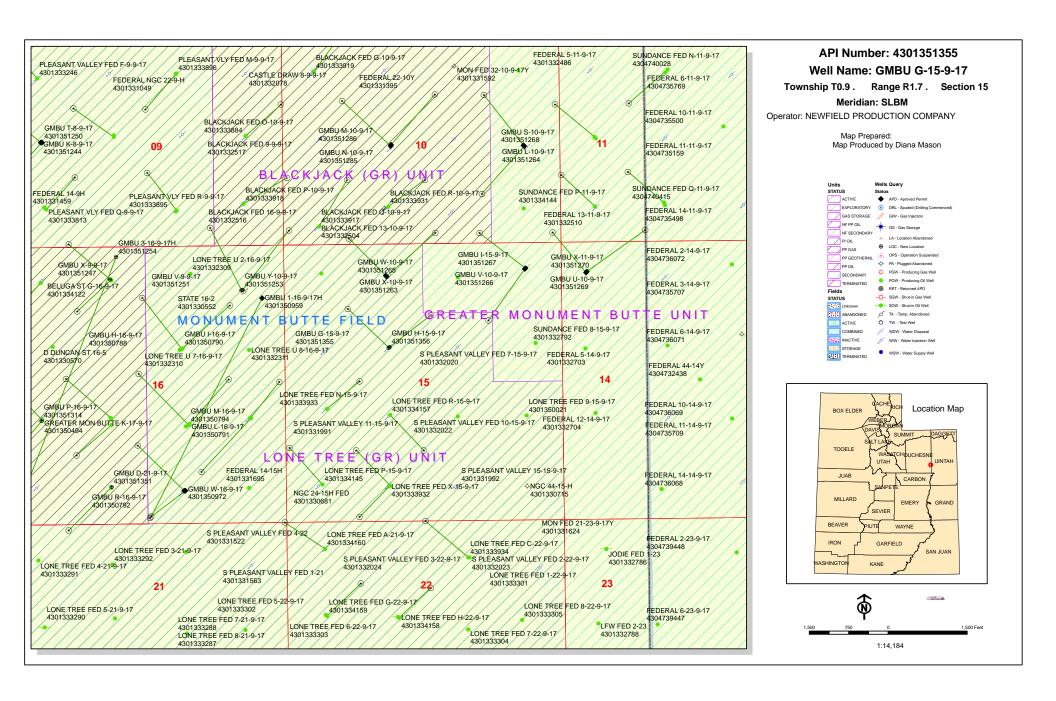












United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

April 6, 2012

Memorandum

Assistant District Manager Minerals, Vernal District To:

From: Michael Coulthard, Petroleum Engineer

2012 Plan of Development Greater Monument

Butte Unit, Duchesne and Uintah Counties,

Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2012 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API#	WELL NAME	LOCATION						
(Proposed PZ	GREEN RIVER)							
43-013-51348	GMBU E-21-9-17 BHI				R17E R17E		_	
43-013-51351	GMBU D-21-9-17 BHI				R17E R17E		_	
43-013-51354	GMBU N-34-8-16 BHI				R16E R16E			
43-013-51355	GMBU G-15-9-17 BHI				R17E R17E			
43-013-51356	GMBU H-15-9-17 BHI				R17E R17E			
43-013-51357	GMBU W-19-8-17 BHI				R17E R17E			
43-013-51358	GMBU Y-23-8-17 BHI				R17E R17E			
43-013-51359	GMBU X-20-8-17 BHI				R17E R17E			

RECEIVED: April 06, 2012

Page 2

API# WELL NAME LOCATION

(Proposed PZ GREEN RIVER)

43-013-51360 GMBU W-20-8-17 Sec 29 T08S R17E 0600 FNL 2016 FWL BHL Sec 20 T08S R17E 0114 FSL 2414 FEL

43-013-51361 GMBU B-27-8-17 Sec 22 T08S R17E 0915 FSL 2068 FEL BHL Sec 27 T08S R17E 0297 FNL 1162 FEL

43-013-51362 GMBU C-27-8-17 Sec 22 T08S R17E 0903 FSL 2086 FEL BHL Sec 27 T08S R17E 0298 FNL 2480 FWL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard, o-Bureau of Land Management, ou-Bureau of Michael L. Coulthard, o-Bureau of Land Management, ou-Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US Date: 2012.04.06 12:40.01 -06'00'

bcc: File - Greater Monument Butte Unit
 Division of Oil Gas and Mining
 Central Files
 Agr. Sec. Chron
 Fluid Chron

MCoulthard:mc:4-6-12

API Well Number: 43013513550000

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 4/4/2012	API NO. ASSIGNED:	43013513550000

WELL NAME: GMBU G-15-9-17

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SENW 15 090S 170E Permit Tech Review:

SURFACE: 1995 FNL 1983 FWL Engineering Review:

BOTTOM: 1252 FNL 1224 FWL Geology Review:

✓

COUNTY: DUCHESNE

LATITUDE: 40.03275 **LONGITUDE**: -109.99505 **EASTINGS**: 585742.00 **NORTHINGS**: 4431876.00

UTM SURF EASTINGS: 585742.00 NORTHINGS: 443

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74805 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

SURFACE OWNER: 1 - Federal COALBED METHANE: NO

RECEIVED AND/OR REVIEWED: LOCATION AND SITING: I✓ PLAT R649-2-3. Unit: GMBU (GRRV) Bond: FEDERAL - WYB000493 **Potash** R649-3-2. General Oil Shale 190-5 Oil Shale 190-3 R649-3-3. Exception **Drilling Unit** Oil Shale 190-13 Board Cause No: Cause 213-11 Water Permit: 437478 Effective Date: 11/30/2009 **RDCC Review:** Siting: Suspends General Siting Fee Surface Agreement

Intent to Commingle R649-3-11. Directional Drill

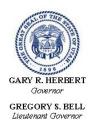
Commingling Approved

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason

15 - Directional - dmason

27 - Other - bhill



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: GMBU G-15-9-17 **API Well Number:** 43013513550000

Lease Number: UTU-74805 Surface Owner: FEDERAL Approval Date: 4/10/2012

Issued to:

NEWFIELD PRODUCTION COMPANY, Rt 3 Box 3630, Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available) OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at http://oilgas.ogm.utah.gov

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
 - Requests to Change Plans (Form 9) due prior to implementation
 - Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
 - Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas Form 3160-3 (August 2007)

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

UNITED STATES

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

Lease Serial No. UTU74805

6.	If Indian.	Allottee or Tribe Name	•

APPLICATION FOR PERMIT	TO DRILL OR RE	ENTER	6. If Indian, Allottee or Tr	ibe Name
1a. Type of Work: 🛛 DRILL 🔲 REENTER		Types of Library of Car &	7. If Unit or CA Agreement GREATER MONUN	nt, Name and No. MENT
1b. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Oth	her 🛮 Sin	gle Zone 🔲 Multiple Zon	8. Lease Name and Well N GMBU G-15-9-17	No.
Name of Operator Contact: NEWFIELD PRODUCTION COMPANAil: mcrozie	MANDIE CROZIEF r@newfield.com	3	9. API Well No. 43-()13-	51355
3a. Address ROUTE #3 BOX 3630 MYTON, UT 84052	3b. Phone No. (inclu Ph: 435-646-482 Fx: 435-646-303	.5	10. Field and Pool, or Exp MONUMENT BUTT	loratory
4. Location of Well (Report location clearly and in accord	ance with any State requ	uirements.*)	11. Sec., T., R., M., or Blk	and Survey or Area
At surface SENW 1995FNL 1983FWI	-		Sec 15 T9S R17E I	Mer SLB
At proposed prod. zone NWNW 1252FNL 1224FW	'L			
 Distance in miles and direction from nearest town or post 17.1 	office*		12. County or Parish DUCHESNE	13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)	16. No. of Acres in L	ease	17. Spacing Unit dedicated	to this well
1224'	520.00		20.00	
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth		20. BLM/BIA Bond No. or	n file
completed, applied for, on this lease, ft. 1188'	5777 MD 5660 TVD		WYB000493	
21. Elevations (Show whether DF, KB, RT, GL, etc. 5211 GL	22. Approximate date 07/31/2012	e work will start	23. Estimated duration 7 DAYS	PFC .
	24. Atta	achments	No	VEIVED
The following, completed in accordance with the requirements of	f Onshore Oil and Gas (Order No. 1, shall be attached	to this form:	23 2000
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Off 	em Lands, the ice).	4. Bond to cover the opera Item 20 above). 5. Operator certification 6. Such other site specific authorized officer.	to this form: tions unless covered by all continuous as may	ing bond on file (see
25. Signature (Electronic Submission)	25. Signature Name (Printed/Typed) (Electronic Submission) Name (Printed/Typed) MANDIE CROZIER Ph. 435-646-4825			
Title REGULATORY ANALYST				
Approved by (Signature)	Name (Printed/Typed)	Jerry Kenca	zka	NOV 1 6 2012
Title Assistant Field Manager Lands & Mineral Resources	Office \	/ERNAL FIELD OF	FICE	
Application approval does not warrant or certify the applicant holoperations thereon. Conditions of approval, if any, are attached.	ds legal or equitable titl	e to those rights in the subjec	t lease which would entitle the ap	pplicant to conduct
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, n States any false, fictitious or fraudulent statements or representati	nake it a crime for any pons as to any matter wit	erson knowingly and willfully hin its jurisdiction.	to make to any department or a	gency of the United

Additional Operator Remarks (see next page)

Electronic Submission #134742 verified by the BLM Well Information System For NEWFIELD PRODUCTION COMPANY, sent to the Vernal Committed to AFMSS for processing by LESLIE ROBINSON on 04/11/2012 () NOTICE OF APPROVAL.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

Newfield Production Company

170 South 500 East

GMBU G-15-9-17

API No: 43-013-51355

Location: Lease No: SENW, Sec. 15, T9S, R17E

UTU-74805

Agreement:

GREATER MONUMENT BUTTE

OFFICE NUMBER:

(435) 781-4400

OFFICE FAX NUMBER:

(435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	_	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	_	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
 work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
 mitigation may be necessary for the discovered paleontologic material before construction can
 continue.

Monitoring and Reporting

- •The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) that designates the proposed site-specific monitoring and reference sites chosen for the location. A description of the proposed sites shall be included, as well as a map showing the locations of the proposed sites.
- •The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) 3 growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed areas in order to determine whether the BLM standards set forth in the Green River District Reclamation Guidelines have been met (30% or greater basal cover).
- •Prior to beginning new surface disturbance, the operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) providing the results of the noxious weed inventory described in the Green River District Reclamation Guidelines (2011). If weeds are found the report shall include 1) A GPS location recorded in North American Datum 1983; 2) species; 3) canopy cover or number of plants; 4) and size of infestation (estimate square feet or acres. Information shall be also documented in the reclamation report.

CONDITIONS OF APPROVAL

Wildlife

In accordance with the Record of Decision for the Castle Peak and Eightmile Flat Oil and Gas Expansion Project, Newfield Rocky Mountains Inc., the following COA's are required:

- WFM-1 On level or gently sloping ground (5 percent slope or less) Newfield will elevate surface pipelines (4 inches or greater in diameter) a minimum of 6 inches above the ground to allow passage of small animals beneath the pipe. This ground clearance will be achieved by placing the pipeline on blocks at intervals of 150 to 200 feet.
- WFM-4 Newfield will install noise reduction devices on all pump jacks to reduce intermittent noise to 45 dBA at 660 feet from the source.

COA's derived from mitigating measures in the EA:

• Newfield will contract a qualified biologist to conduct a breeding bird survey within 330 feet (100 meters) from proposed surface disturbance activities associated with wellfield development (e.g. well pads, roads, pipelines, power lines, and ancillary facilities) that will occur during the breeding season from April 1 through July 31. If an active nest for important migratory bird species (USFWS Bird of Conservation Concern, Partners in Flight Priority Bird Species, Utah Sensitive Species) is documented during the survey, Newfield will coordinate with to determine if any additional protection measures will be required. Alternatively, prior to surface disturbance activities within that year, Newfield will clear vegetation within the year of surface disturbance activities outside of the breeding season (April 1 through July 31).

For protection of T&E Fish if drawing water from the Green River

- For areas of fresh water collection, an infiltration gallery will be constructed in a Service approved location. An infiltration gallery is basically a pit or trench dug within the floodplain to a depth below the water table. Water is drawn from the pit rather than from the river directly. If this is not possible, limit pumping within the river to off-channel locations that do not connect to the river during high spring flows.
- If water cannot be drawn using the measures above and the pump head will be located in the river channel where larval fish are known to occur, the following measures apply:
 - Avoid pumping from low-flow or no-flow areas as these habitats tend to concentrate larval fished
 - Avoid pumping to the greatest extent possible, during that period of the year when larval fish may be present (see previous bullet); and
 - Avoid pumping, to the greatest extent possible, during the midnight hours (10:00 p.m. to 2:00 a.m.) as larval drift studies indicate that this is a period of greatest daily activity. Dusk is the preferred pumping time, as larval drift abundance is lowest during this time.
 - Screen all pump intakes with 3/32-inch mesh material.
- Report any fish impinged on the intake screen to the FWS office (801.975.3330) and the:
 Utah Division of Wildlife Resources
 Northeastern Region
 152 East 100 North

Vernal, UT 84078 (435) 781-9453

Air Quality

- All internal combustion equipment will be kept in good working order.
- Water or other approved dust suppressants will be used at construction sites and along roads, as determined appropriate by the Authorized Officer. Dust suppressant such as magnesium chloride or fresh water may be used, as needed, during the drilling phase.
- Open burning of garbage or refuse will not occur at well sites or other facilities.
- Drill rigs will be equipped with Tier II or better diesel engines.
- Low bleed pneumatics will be installed on separator dump valves and other controllers.
- During completion, not venting will occur, and flaring will be limited as much as possible. Production equipment and gathering lines will be installed as soon as possible.

- Telemetry will be installed to remotely monitor and control production.
- Signs will be installed on the access road, reducing speed to 25 MPH, during the drilling phase.
- When feasible, two or more rigs (including drilling and completion rigs) will not be run simultaneously within 200 meters of each other. If two or more rigs must be run simultaneously within 200 meters of each other, then effective public health buffer zones out to 200 meters (m) from the nearest emission source will be implemented. Examples of an effective public health protection buffer zone include the demarcation of a public access exclusion zone by signage at intervals of every 250 feet that is visible from a distance of 125 feet during daylight hours, and a physical buffer such as active surveillance to ensure the property is not accessible by the public during drilling operations. Alternatively, the proponent may demonstrate compliance with the 1-hour NO₂ National Ambient Air Quality Standards (NAAQS) with appropriate and accepted near-field modeling. As part of this demonstration, the proponent may propose alternative mitigation that could include but is not limited to natural gas—fired drill rigs, installation of NO_X controls, time/use restrictions, and/or drill rig spacing.
- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horse power must not emit more than 2 grams of NO_X per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower-hour.
- All new and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 grams of NO_X per horsepower-hour.
- Green completions will be used for all well completion activities where technically feasible. Employ enhanced VOC emission controls with 95% control efficiency on production equipment having a potential to emit greater than 5 tons per year.

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

 Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: "Greater Monument Butte Green River Development Program", Feb 16, 2012). The operator shall also comply with applicable laws and regulations; with lease terms Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the, authorized officer.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to BLM_UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written communication
 and must be received in this office by not later than the fifth business day following the date on
 which the well is placed on production. The notification shall provide, as a minimum, the following
 informational items:
 - o Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
 Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
 future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
 BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
 hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
 be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior approval
 of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
 approval of the BLM Vernal Field Office shall be obtained and notification given before resumption
 of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

FORM 3160-5 (August 2007)

1. Type of Well

2. Name of Operator

4. Location of Well

Qil Well Gas Well

3a. Address Route 3 Box 3630

NEWFIELD PRODUCTION COMPANY

Myton, UT 84052

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31,2010

9. API Well No.

4301351355

GREATER MB UNIT

11. County or Parish, State

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

Other

(Footage, Sec., T., R., M., or Survey Description)

5. Douge Beriai 110.
USA UTU-74805
If Indian, Allottee or Tribe Name.
7. If Unit or CA/Agreement, Name and/or
GMBU
8. Well Name and No.
GMBU G-15-9-17

10. Field and Pool, or Exploratory Area

Section 15 T9S R17E			DUCHESNE, U	JT	
12. CHEC	K APPROPRIATE BOX	(ES) TO INIDICATE NA	ATURE OF NOTICE, OR OT	HER DATA	
TYPE OF SUBMISSION		TYP	E OF ACTION		
□ Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair Change Plans	Deepen Fracture Treat New Construction Plug & Abandon	Production (Start/Resume) Reclamation Recomplete Temporarily Abandon	Water Shut-Off Well Integrity Other Spud Notice	
Final Abandonment	Convert to Injector	Plug & Abandon Plug Back	Water Disposal	Space Little	

(include are code)

3b. Phone

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 2/22/13 MIRU Pro Petro. Spud well @8:00 AM. Drill 324' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24# csgn. Set @ 319.23. On 2/25/13 cement with 175 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 5 barrels cement to pit. WOC.

MAR 0 6 2013

DIV. OF OIL GAS 2 MANNE

Title		
Date 03/01/2013		
ERAL OR STATE OFFI	CE USE	
Title	Date	
Office		
	Date 03/01/2013 ERAL OR STATE OFFI Title	Date 03/01/2013 ERAL OR STATE OFFICE USE Title Date

Casing / Liner Detail

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Casing / Liner Detail

GMBU G-15-9-17

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ring Type	Conductor, 14", 36.75#, H-40, W (Welded)							
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Slurry # of	f Sacks Weig	ght (ppg) Yie	ld Volume (ft³)	Description - Slurry Class and Additive	ıs			
						a construence on P a const		
b-In-Job?		······································	THE RESIDENCE AND DESCRIPTION OF THE PERSON	Cement To Surface?		· ···		
T:		0		Est. Top of Cement:	The second of th	Particular () () () () () () () () () (
al Circulatio	n Pressure:		WHITEPALL IN A John Common cade of	Plugs Bumped?				
al Circulation	n Rate:			Pressure Plugs Bumped:				
al Circulation	n Pressure:		/	Floats Holding?				
al Circulation	n Rate:		The state of the s	Casing Stuck On / Off Bottom?				
olacement F	luid;			Casing Reciprocated?				
olacement R				Casing Rotated?				
olacement V	'olume:			CIP:				
Returns:				Casing Wt Prior To Cement: Casing Weight Set On Slips:				
	e And Placeme							



BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pro Petro 8 Submitted By Branden Arnold Phone Number 435-401-0223 Well Name/Number GMBU G-15-9-17 Qtr/Qtr SE/NW Section 15 Township 9S Range 17E Lease Serial Number <u>UTU-74805</u> API Number 43-013-51355 Spud Notice - Spud is the initial spudding of the well, not drilling out below a casing string. Date/Time $\underline{2/20/13}$ 8:00 AM \bowtie PM \bowtie Casing - Please report time casing run starts, not cementing times. **Surface Casing Intermediate Casing Production Casing** Liner Other Date/Time <u>2/20/13</u> <u>3:00</u> AM ☐ PM ☐ **BOPE** Initial BOPE test at surface casing point BOPE test at intermediate casing point 30 day BOPE test Other Date/Time _____ AM PM Remarks _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

03/05/13

Production Clerk

ACTION											
	CURRENT	NEW	API NUMBER	WELL NAME		WE	LL LOCAT	ION		SPUD	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.			QQ	SC	ΤP	RG	COUNTY	DATE	DATE
A	99999	18034	4304752030	UTE TRIBAL 11-21-4-2E	NESW	21	48	2E	UINTAH	2/18/2013	2128
WELL 1 COMMEN	NTS:					4			tinio arto	RI	1-1-0
		· · · · · · · · · · · · · · · · · · ·									
ACTION	CURRENT	NEW	API NUMBER	WELL NAME		WE	LL LOCAT	ION E	I Fred William	SPUD	EFFECTIVE
В	ENTITY NO.	ENTITY NO.			00	sc	TP	RG	COUNTY	DATE	
В	99999	17400	4301351355	GMBU G-15-9-17	SENW	15	98	17E	DUCHESNE	2/22/2013	3/13
									<u> </u>		
ACTION	CURRENT	NEW	API NUMBER	WELL NAME	T	WE	LL LOCAT	ION		SPUD	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.			QQ	sc	TΡ	RG	COUNTY	DATE	DATE
В	99999	17400	4301351356	GMBU H-15-9-17	SENW	15	95	17E	DUCHESNE	2/22/2013	2129
ACTION	CURRENT	NEW I	API NUMBER								
CODE	ENTITY NO.	ENTITY NO.	APINUMBER	WELL NAME	QQ		TP			SPUD	EFFECTIVE
В	99999	17400	4301351314	GMBU P-16-9-17	NWSW	sc 16	98	RG 17E	DUCHESNE	DATE	3/13
		17400	4001001014	GWDO F-10-9-17	144244	10	93	1/6	DUCHESNE	2/20/2013	3/13
				2							
ACTION	CURRENT	NEW	API NUMBER	WELL NAME			L LOCATI			SPUD	EFFECTIVE
CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ.	WEI SC	L LOCATI	ON RG	COUNTY	SPUD DATE	EFFECTIVE DATE
- 1		1 1	API NUMBER 4304752597	WELL NAME GMBU P-31-8-18	qq NESE		172	RG	COUNTY		DATE
CODE	ENTITY NO.	ENTITY NO.				sc	172	RG	i i	DATE	
CODE	ENTITY NO.	ENTITY NO.				3 t	172	RG 17 E	i i	DATE	DATE
B	99999 99999	17400	4304752597	GMBU P-31-8-18		3 t	1P 8S	RG 17 E	i i	2/26/2013	BATE 3/13/

E - Other (explain in comments section)

D - Re-assign well from one existing entity to a new entity

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

MAR 1 1 2013

Div. of Oil. Gas & Mining

Sundry Number: 36817 API Well Number: 43013513550000

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74805
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for procurrent bottom-hole depth, IFOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)		
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: GMBU G-15-9-17		
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	9. API NUMBER: 43013513550000		
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-482	PHONE NUMBER: 25 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1995 FNL 1983 FWL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 15 Township: 09.0S Range: 17.0E Meri	idian: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPOI	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
✓ DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
3/27/2013		SITA STATUS EXTENSION	
	WILDCAT WELL DETERMINATION	□ OTHER	OTHER:
The above well w	completed operations. Clearly show yas placed on production or oduction Start sundry re-se	n 03/27/2013 at 15:30	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 19, 2013
NAME (PLEASE PRINT) Jennifer Peatross	PHONE NUMI 435 646-4885	BER TITLE Production Technician	
SIGNATURE		DATE	
N/A		4/18/2013	